

OGC PROJECT DOCUMENT

TITLE: Summary of Oil Spill COP project workshops
AUTHOR: Name: George Percivall
Organization: The Open Geospatial Consortium
Email: gpercivall@opengeospatial.org
DATE: 10 February 2014
CATEGORY: Information

1. Background

Two workshops were held as part of the OGP/IPIECA Oil Spill Response Common Operating Picture (COP) Concept Development Process. This memo provides a summary of the workshops.

- Workshop in Leatherhead, UK, December 19, 2013
- Workshop in Houston, USA, January 9, 2014

2. Reference

- OGP / IPIECA Oil Spill Response Common Operating Picture (COP) Project
 - <http://www.opengeospatial.org/projects/initiatives/ogpoilspill>

3. Summary of Workshops

3.1 Purpose of Workshops

The Workshops are part of a process to assess the current state of standards and implementations that could support recommendations regarding a Common Operating Picture (COP) for use during an Oil Spill Response.

The process to develop a Recommended Practice for Oil Spill Response (COP) is:

- 1) Issuing a Request for Information to solicit broad input
- 2) Conduct Stakeholders Workshops to formulate recommendations, and
- 3) Publishing a report including Recommended Practice.

The objectives of the Stakeholder Workshops were:

- Review responses to the Request for Information
- Engage the stakeholder community in discussion
- Refine the focus for the Recommended Practice

Session topics were the same for both workshops:

1. Introductions and JIP overview
2. Highlights of the RFI as published
3. Presentations from organizations responding to the RFI. .
4. Moving towards a Recommended Practice – Breakout sessions
5. Discussion wrap, next steps and close: Reports from Rapporteurs

3.2 Background on the OGP/IPIECA JIP project

The International Association of Oil and Gas Producers (OGP) formed a Global Industry Response Group (GIRG), tasked with identifying learning opportunities both on causation and in respect of the response to the Deepwater Horizon incident. Nineteen recommendations were identified and these are being addressed via a three-year Joint Industry Project (JIP) funded by oil industry members¹.

The Oil Spill Response JIP (OSR-JIP) initiated discreet projects or provides support to projects initiated by other trade associations in the nineteen subject areas resulting from the OGP GIRG-OSR project. The OSR-JIP is managed by IPIECA on behalf of OGP in recognition of its long-standing experience with Oil Spill Response matters.

The OSR JIP is composed of several Work Programs (WPs). WP5 - GIS/Mapping and Common Operating Picture is the relevant WP to this RFI. WP5 is to produce a recommended practice for GIS/Mapping in support of Oil Spill response and for the use of GIS technology and geo-information in forming a “Common Operating Picture” for management of the response.

The WP5 is to identify:

- What data needs to be available?
- Where does it come from?
- What format should it be in, and to what spatial accuracy?
- How should it be delivered?

3.3 Workshop in Leatherhead, UK, December 19, 2013

The first workshop was hosted by ExxonMobil at their offices in Leatherhead, England.

- The agenda is listed below
- The list of people registered in advance is listed below. 47 people registered
- Event Flyer: http://portal.opengeospatial.org/files/?artifact_id=56312
- Presentations: http://portal.opengeospatial.org/files/?artifact_id=56696

3.4 Workshop in Houston, USA, January 9, 2014

The second workshop was hosted by Shell at their offices in Houston, Texas.

- The agenda is listed below
- The list of people registered in advance is listed below. 68 people registered
- Event Flyer: http://portal.opengeospatial.org/files/?artifact_id=56332
- Presentations: https://portal.opengeospatial.org/files/?artifact_id=57128

¹ <http://oilspillresponseproject.org/>

OGP/IPIECA Workshop Agenda – Houston TX, 9 January 2014

8:30-9:00

Registration. Hot breakfast rolls and croissants.

9:00-9:20

1. Opening: Introductions and JIP overview

- 1-1. Welcome – Richard Wylde, ExxonMobil
- 1-2. IPIECA Comments – Rob Cox, IPIECA
- 1-3. OGP Comments – Roger Abel, Shell

9:20-10:00

2. Highlights of the RFI and Responses

- 2-1. RFI Process Overview – George Percivall, OGC
- 2-2. RFI Enterprise Viewpoint – Keith Fraley, Shell
- 2-3. RFI Information Viewpoint – Greg Fisher, RDI
- 2-4. RFI Delivery Viewpoint – George Percivall, OGC

10:30-10:45

Break (as part of the next section)

10:00-13:00

3. Invited Presentations

Presentations from organizations responding to the RFI.

- 3-1. ExxonMobil, Heather Tucker
- 3-2. EMSA, **Gianluca Luraschi**
- 3-3. **Finland SYKE, Hietala Meri**
- 3-4. IHO, Gilles Bessero
- 3-5. ASA Science: Paul Nolan, UK RPS
- 3-6. Astrium, Dr. Lutz Petrat
- 3-7. SINTEF, Nils Rune Bodsberg
- 3-8. **MDA, Paul Kennedy**
- 3-9. Oceaneering International, Inc., Mark Stevens.

13-13:30

Lunch (Working Lunch)

13:30-17:00

*4. Moving towards a Recommended Practice
(Include Break at 15:00)*

- 4-1. Enterprise Viewpoint discussion
Leader: Roger Abel, Rapporteur: Keith Fraley
- 4-2. Information Viewpoint discussion
Leader: Doug Ruppert, Rapporteur: Greg Fischer
- 4-3. Delivery Viewpoint discussion
Leader: George Percivall, Rapporteur: Bart de Lathouwer

16:30-17:00

5. Discussion wrap, next steps and close

Reports from Rapporteurs
Workshop summary

Registration list for Leatherhead Workshop

#	Name of Attendee	Company	
1	Paul Kennedy	MDA	Canada
2	Colin Grant	BP Exploration	UK
3	Kim Partington	Geocento Limited	United Kingdom
4	Mark Stevens	Oceaneering International, Inc.	United States
5	George Percivall	Open Geospatial Consortium	United States
6	Lutz Petrat	Astrium Services	Germany
7	Lorien Innes	Esri	United Kingdom
8	Rupert Bravery	ExxonMobil	UK
9	Nils Rune Bodsberg	SINTEF	Norway
10	Emma Hughes	OSRL	Uk
11	Greg Fischer	Resource Data, Inc	United States
12	Jo Wilkin	IPIECA	UK
13	Robert Cox	IPIECA/OGP	United Kingdom
14	Roger Abel	Shell	USA
15	Meri Hietala	Finnish Environment Institute (SYKE) / Marine Pollution Response	Finland
16	Bart Hulshof	Shell	Netherlands
17	Jon Jeppesen	Maersk Oil	Denmark
18	Gianluca Luraschi	EMSA	Portugal
19	Philippe de Susanne	BP	UK
20	Samuli Neuvonen	Finnish Environment Institute (SYKE)	Finland
21	Richard Wylde	ExxonMobil	UK
22	Gilles Bessero	IHO	Monaco
23	Ola Grabak	ESA	Italy
24	Chad Klekar	ExxonMobil IT	USA
25	Edmi Padron	ExxonMobil IT	USA
26	Heather Tucker	ExxonMobil	USA
27	Guy Miller	ExxonMobil	USA
28	Eric Comerma	RPS ASA	USA
29	John Monkman	ExxonMobil	UK
30	andrew tucker	BP	UK
31	William Jefferies	LOOKNorth	Canada
32	Ian Milligan	BP	UK
33	Roland Parrott	ExxonMobil	UK
34	Essam Elhalhuli	ExxonMobil	UK
35	Cheryl Edwardes	Exxon Mobil	UK
36	Dan Hughes	Astrium	UK

37 Doug Ruppert	Resource Data Inc	USA
38 ketih fraley	shell	USA
39 John Lee	Environmental Resources Management Ltd.	UK
40 Paul Nolan	RPS Energy	UK
41 Richard Blain	Aerospace Resources Ltd	UK
42 Paul Majmader	Aerospace Resources Ltd	UK
43 Adina Gillespie	DMC International Imaging Ltd	UK
44 Denise McKenzie	Open Geospatial Consortium	United Kingdom
45 martin rushent	Oil Spill Response Limited	UK
46 Katherine Elsom	DMC International Imaging Ltd	UK
47 Grahame Blakey	GDF Suez E&P UK	United Kingdom

OGP/IPIECA Workshop Agenda – Houston TX, 9 January 2014

0830-0900	Registration	Chair
0900-0920	<i>2. Opening: Introductions and JIP overview</i>	
	1-4.	Welcome – Jeff Arnett, Shell
	1-5.	OGP Comments – Roger Abel, Shell/OGP
	1-6.	IPIECA Comments – Roger Abel, Shell/IPIECA
0920-1000	<i>Highlights of the RFI</i>	
	2-5.	RFI Process Overview – George Percivall, OGC
	2-6.	RFI Enterprise Viewpoint – Keith Fraley, Shell
	2-7.	RFI Information Viewpoint – Greg Fischer, RDI
	2-8.	RFI Delivery Viewpoint – George Percivall, OGC
1000-1010	Short Break	
1010-1130	<i>3. Invited Presentations (20 min ea.)</i>	
	Presentations from organizations responding to the RFI.	
	3-10.	NOAA, Michele Jacobi
	3-11.	ESRI, Matt Davis
	3-12.	ASA Science: Eoin Howlett
	3-13.	Primal Innovation Technologies, Jason Flock
1130-1200	Lunch (Buffet style onsite)	
1200-1340	<i>3. Invited Presentations (20 min ea.) Continued</i>	
	3-14.	Oceaneering International, Inc., Mark Stevens
	3-15.	MDA: Paul Kennedy
	3-16.	ERM, Simon Ross
	3-17.	34 North, Amye Osti
	3-18.	Witt Obriens: Don Costanzo
1340-1400	Longer Break	
1400-1630	<i>4. Moving towards a Recommended Practice</i> (Parallel sessions)	
	4-4.	Enterprise Viewpoint discussion Leader: Roger Abel, Rapporteur: Keith Fraley
	4-5.	Information Viewpoint discussion Leader: Doug Ruppert, Rapporteur: Greg Fischer
	4-6.	Delivery Viewpoint discussion Leader: George Percivall, Rapporteur: Trevor Taylor
1630-1700	<i>6. Discussion wrap, next steps and close</i>	

Registration list for Leatherhead Workshop

#	Name of Attendee	Company	
1	Paul Kennedy	MDA	Canada
2	Lance Setliff	Environmental Science Services	United States
3	Robert Simmons	Environmental Science Services, Inc.	United States
5	Donald Costanzo	Witt O'Brien's	USA
6	Matthew Davis	Esri	USA
7	Mark Stevens	Oceaneering International, Inc.	United States
8	George Percivall	Open Geospatial Consortium	United States
9	Teresa Richardson	Primal Innovation Technologies	US
10	Jason McKenna	Primal Innovation Technologies	US
11	Jason Flock	Primal Innovation Technologies	USA
12	Pierre le Roux	Quantum Spatial/Aerometric	United States
13	Greg Fischer	Resource Data, Inc	United States
14	Jeff Arnett	Shell Exploration and Production Co (SEPCO)	United States
15	David Driver	BP	US
16	Gino Zaza	ConocoPhillips	USA
17	Mercedes del Rio	Repsol	USA
18	Heather Tucker	ExxonMobil	USA
19	Eoin Howlett	RPS ASA	United States
20	keith fraley	Shell	USA
21	Simon Ross	Environmental Resources Management	USA
22	Buzz Martin	Shell Global Solutions (US)	USA
23	Trevor Taylor	OGC	USA
24	Michele Jacobi	NOAA- Office of Response and Restoration	USA
25	Kenny Rhame	The Response Group	United States
26	Jeff Berg	The Response Group	United States
27	Jeff Williams	Chevron	USA
29	Jerry Helfand	ExxonMobil	U.S.A
30	James Clarke	BP	USA
31	Narmina Lovely	BP	USA
32	Jenni Rogers	ConocoPhillips	USA
33	Don Slack	Shell	USA
34	David Fraser	Chevron	USA
35	Paul Krause	ERM	USA
36	Scott Hills	Chevron	USA
37	Kari Sheets	NOAA/NOS/Office of Response and Restoration	USA
38	James Blanchard	RPS	USA
39	William Jefferies	LOOKNorth	Canada
40	Amye Osti	34 North	USA
41	Robert Dams	MDA	Canada
42	Doug Ruppert	Resource Data Inc	USA
43	Stephen Sontag	RPS ASA	US

44 Bill Burch	Chevron	USA
45 Will Hauhe	Chevron	USA
46 Kurt Charney	Chevron	USA
47 Richard Davi	ExxonMobil	USA
48 Jessica Stephens	ERM	USA
49 Mark Michell	BHP Billiton	USA
50 Ingrid Tobar	Environmental Resources Management	USA
51 Juan Levesque	ERM	USA
52 Robert Brook	Spatial Energy	United States
53 Russell Dotson	Chevron	United States
54 David Driver	BP	USA
55 Heather Tucker	ExxonMobil Production Company	USA
56 Edmi Padron	ExxonMobil	USA
57 Robert Ballesteros	Chevron Upstream	USA
58 Fred Sparks	Chevron	USA
59 Michael Hunt	Chevron	USA
60 Gino Zaza	ConocoPhillips	USA
61 Jenni Rogers	ConocoPhillips	USA
62 Nere Mabile	BP America; Technology Theme Lead, Current COP Project	USA
63 Keely Fitzpatrick	Marine Well Containment Company	USA
64 Nick Furnari	Marine Well Containment Company	USA
65 Kevin Hoskins	MSRC	US
66 James Brittenham	Marine Spill Response Corporation	US
67 Theo Camlin	MSRC	USA
68 Donald Smith	US Environmental Protection Agency	US
69 Raj Dutt	Weston Solutions, Inc.	United States
70 Lonnie Evans	Chevron	USA